**FOAMING DETAIL****SAWCUT DETAIL**

Prime concrete contact surfaces when required by manufacturer

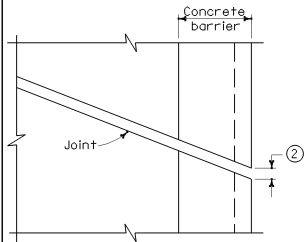
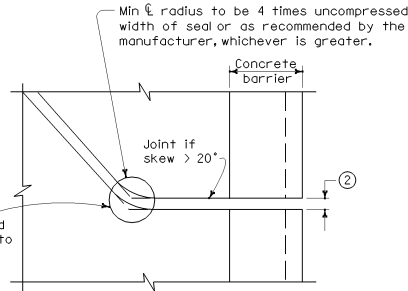
Silicone Seal: 25-75 mm (1"-3")
[MR < 30 mm (1 1/4")]
Polyurethane Seal: 25-40 mm (1"-1 1/2")
[MR ≤ 15 mm (5/8")]

TYPE A SEAL

Movement rating: Polyurethane = 15 mm (5/8") Max
Silicone = 30 mm (1 1/4") Max

TYPE AL SEAL

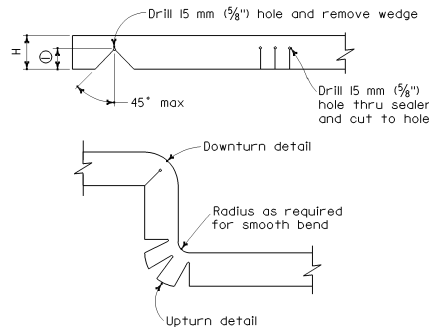
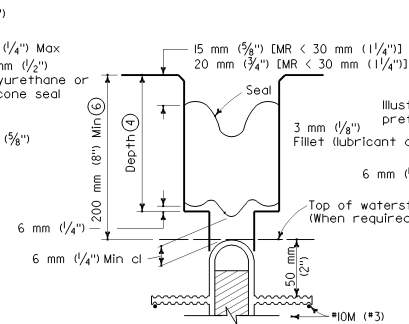
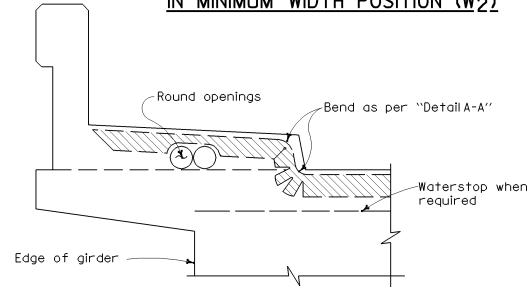
Longitudinal joints only

**PLAN OF JOINT****PLAN OF ANGLED JOINT**

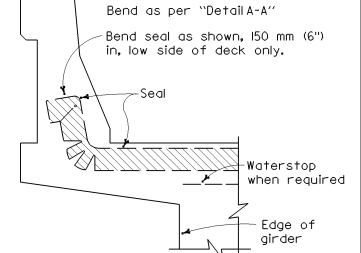
In lieu of saw cutting, this area may be blocked out and reconstructed to match saw cutting on both sides.

DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating (MR) ⑤	Bridge Type	"a" Dimension Deck Concrete Placed		
		Winter	Fall-Spring	Summer
50 mm (2")	All except CIP/PS	40 mm (1 1/2")	30 mm (1 1/4")	20 mm (3/4")
	CIP/PS	30 mm (1 1/4")	25 mm (1")	15 mm (5/8")
40 mm (1 1/2")	All except CIP/PS	30 mm (1 1/4")	25 mm (1")	15 mm (5/8")
	CIP/PS	25 mm (1")	20 mm (3/4")	15 mm (5/8")
30 mm (1 1/4")	All except CIP/PS	25 mm (1")	20 mm (3/4")	15 mm (5/8")
	CIP/PS	20 mm (3/4")	15 mm (5/8")	15 mm (5/8")
15 mm (5/8")	All except CIP/PS	20 mm (3/4")	20 mm (3/4")	15 mm (5/8")
	CIP/PS	15 mm (5/8")	15 mm (5/8")	15 mm (5/8")

**DETAIL A-A****TYPE B JOINT SEAL
IN MINIMUM WIDTH POSITION (W2)****CONCRETE BARRIER AND SIDEWALK****TYPE B SEAL**

Movement rating > 15 mm (5/8")

**CONCRETE BARRIER****NOTES:**

- Make smooth cuts from the bottom of seal to 40 mm (1 1/2") clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary, cut back of seal to clear conduit and round openings.
- Opening in barrier to match width of sawn deck joint.
- Sawcut groove widths shall be as ordered by the Engineer.
- Depth of sawcut: Type A - Depth to be shown above.
Type B - Depth to be equal to or greater than the depth of seal measured along the contact surface, when compressed to minimum width position (W2) plus dimensions shown above.
- MR (movement rating) as shown on other detail plans.
- Other depths must be approved by the Engineer.

JOINT SEALS DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

JOINT SEALS
[MAXIMUM MOVEMENT
RATING=50 mm (2")]

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

B6-21

DIST. COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER		July 1, 2002 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet. Caltrans now has a web site! To get to the web site, go to http://www.dtd.ca.gov		
PROFESSIONAL ENGINEER Efthymios Delis No. C51434 Exp. 6-30-06 STATE OF CALIFORNIA				